RECEIVED CENTRAL FAX CENTER

202 371 2540

P.006

JUN 1 5 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Carcagno et al.

Appl. No. 09/830,964

Filed: May 3, 2001

For: Methods of Purifying Recombinant Human Erythropoietin from Cell

Culture Supernatants

Art Unit:

To Be Assigned

Examiner:

To Be Assigned

Atty. Docket: 1909.0030002/JAG/CMB

Information Disclosure Statement

Commissioner for Patents Washington, D.C. 20231

Six:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language documents AT3, AR4, AS4 and AT4 cited on Form PTO 1449:

Documents AT3, AR4, AS4 and AT4 are in the French language. No English translations are readily available. These documents appear to show evidence of a substance isolated from blood capable of regulating hematopoiesis.

Document ATI1 is in a foreign language. An English language abstract is on the first page of this document.

The Examiner's attention is directed to the following co-pending U.S. Patent Applications, which are directed to related technical subject matter:

U.S. Patent Application No. 09/830,967, filed May 3, 2001, submitted herewith as Document AS17; and

U.S. Patent Application No. 09/830,968, filed May 3, 2001, submitted herewith as Document AT17.

BEST AVAILABLE COPY

			# PTO- 1649			ATTY. DOCKET NO. 1909_0030002/4AG/CK3 APPLICANT			CATION NO. 0,964	Page 1 of
	INFORGAT	<u>LIGALA</u>	usclosure stat	<u>ecient</u>	•	FILING DATE		GROUP		
				11		May 3, 2001 PATENT DOCUMENTS		To Be	Assigned	
EXAMINER			ì	7		THE POONENIS			7	7
INITIAL		<u>DC</u>	CUMENT MUMBER	DATE	!	VAHE	CLA	SS	SUB-CLASS	FILING DATE
	PAA	6.0	667,016	05/19/1987	!	lai et al.	530		397	06/20/1985
	AB1	6,0	667,193	06/30/1987	<u>. :</u>	leuick et al.	530)	397	01/11/1985
	AC1		703,008	10/27/1987	!	in	635		260.2	11/30/1984
	A01	~~	806,524	02/21/1989	يل_	Camaguchi et al.	514		8	10/03/1985
<u> </u>	ARI		010,002	04/23/1991		evinson et al.	435		69.2	03/22/1990
	AP1		347,933	08/20/1996	~~ ~	.in	514		8	06/07/1995
	AG1		518,698	04/08/1997		in	435		69.4	06/06/1995
,-	AH1		588,679	11/18/1997	- }-	Powell	435	·	240.2	10/06/1993
	PIA		736,349	05/26/1998	—~	.fn	435		325	06/06/1995
*************************************	AICT	13,7	783,559	07/21/1998	<u> </u>	lorin-Robertsson et al.	514	·	12	01/10/1994
	<u> </u>	!	<u>_</u>	<u> </u>					<u></u>	
KAMINER		_		FOR	E 1 CM	PATENT DOCUMENTS			γ	·
CITIAL		<u> </u>	LIMENT KUKBER	DATE		CUHTRY	CLA	ss	SUB-CLASS	Translation
	ALT	KO	86/03520	06/19/1986	<u> </u>	IPO/PCT				
	A#1	받	98/00530	01/08/1998	<u>u</u>	1PO/PCT				1
	ANT .	೯೦	00/27419	05/18/2000	R	IPO/PCT				- Y
	A08	HO !	00/27869	05/18/2000	ų.	<u> 1РО/РСТ</u>				Υ
	AP9	_ lab (00/27997	05/18/2000	H	ІРО/РСТ	•			Y
	,	,	OTHER K	Including Author	or, 1	itle, Date, Pertinent Pages	a. etc.)		<u></u>	
	AR	1	Andersen, D. etnumtures c	.C. and Goochec of secreted gly	copr	F., "The effect of cell-cul otein," <i>Curr. Op. Biotech.</i> 5	ture com 5:566-549	ditions , Curr	en the eli ent Biology	gosaccharida Led. (1994).
	AS	1	Bordurant, M Kidney and 1	LC. and Koury, iver, P Mol. Ce	₩.J. 73. E	., MAnamia Induces Accumula 101. 6:2731-3, American Sec	tion of E lety for	rythro Microl	peietin m2N/ biology (198	A in tho
	AT	1	Borsook, H _d , from Anemic	et al., "Polyo Rabbies, - Blood	:ythe 1 9:7	mic Response in Hormal Adul 34-742, Grunz and Stratton,	it Rats t	• a Moi 954).	nprotein Pla	sma Extroct
		~	·				γ			
CAPIEER							DATE CO	CHS 1 DEA	ED	-

									~	Page 2 of 1
		200				ATTY. DOCKET NO. 1909.0030002/1AG/CX3		APPLI 09/83	CATION NO.	
	inf or ha		4 PTO-1449 Jac lo sure sta	TE	KIFNY	APPLICANT Carcagno et al.		<u></u>		
						PILING DATE		CROUP To Re	Assigned	
					U.S.	PATENT DOCUMENTS		TO DE	ASSTYTEU	
examiner		T		٦					1	T
INITIAL	_	00	CUMENT NUMBER	_ļ	DATE	NAME	CLA	\$\$	ZTB-CFV28	FILING DATE
<u> </u>	AA	<u> </u>		↲						
	AB			_[-		
	AC	Ц_		Ļ						
	AD	↓		Ļ						
	AE			Ļ					Ĭ ·	
	A2	—		↲						Î ·
	AG	_		4						
	AH	<u> </u>		↲		~				
	AI	<u>Ļ</u>		ļ						
	<u>LAJ</u>	_		↓						
	AK			<u> </u>						
		· ·		<u> </u>	FOREIGN	PATENT DOCUMENTS				
examiner Initial		900	L'HEHT HUNBER	يل	DATE	COUNTRY	CLAS	is .	SUB-CLASS	TRANSLATION
	AL2	병	00/28066		03/18/2000 L	#I PO/PCT			100 46,00	Yes
	APA		•	T		~				Yes
	AN	T		Ť		<u> </u>				No Yes
			¬^-	╁			_			130
	AO	.↓		Ļ			Ĭ		1	Yes No
	AP									Yes
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	A	<u> </u>		<u>!</u>	<u> </u>					No
	γ—	_	OTHER	In	cluding Author, 1	Fitle, Date, Pertinant Popos	s, etc.)			
	AR	3	Bowle, J.V. Substitutio	ns,	et a7., "Decipher " Science 247:13	ing the Massago in Protein 06-1310, American Aggociatio	Sequences on for th	: Tole e Adva	Tance to Ami ncemant of S	ino Acid Cienco (1 <del>99</del> 0).
	AS	3	Brown, P.R. Applied to (1979).	er Sic	nd Krstulovic, A. Ochemical and Bio	M., Practical Aspects of R madical Research," <i>Anal. Bio</i>	everse-Ph Ochem. 99	idės Li :1-21,	quid Chromas Acedsmic Pro	ography ess, Inc.
	AT	2	I ben nitracia	u	7., "Numan erythr sing a series of an Chemical Socie	ropolotin recombinent produc chrosetographic steps, - Che Pty (1997).	etion by s	fercan	tation and p	rotein act No.
XAMINER			<u> </u>				DATE CO	MSIDER	ED	
HAMINER: Ini	eial if	refere	nce considero	đ,	thather or not e	itation is in conformance t	J Joh Maca	60P	Danie I dan 11	
itation if no	e in con	forman	ce end not co	ns	idened. Include	copy of this form with next	communic	orion	te Appliance	ircuga

1 1 Page 3 of 19 ATTY. DOCKST NO. 1909.0030002/JAG/CES APPLICATION NO. 09/830,964 FORM PTO-1649 APPLICANT Carcagno et 81. IMPORNATION DISCLOSURE STATEMENT FILING DATE GROUP May 3, 2009 To Be Assigned PATENT DOCUMENTS examiner IMITIAL DOCUMENT NUMBER DATE Name SUB-CLASS FILING DATE ΔΑ AB AC AD ΑE AF AG AH Αî ŁA AK FOREIGN PATENT DOCLMENTS examiner DOCUMENT NUMBER IMETEAL DATE COUNTRY CLASS SUB-CLASS KOLTAJZKATICH AL 80 Yes A:A МO Yos ΔN Ho Yes AΩ No Yes ΑP Bo. OTHER (Including Author, Title, Date, Pertinant Pages, etc.) Busuttil, R.H., et al., "The Cytological Localization of Brythrepietin in the Human Kidney Using the Fluorescent Antibody Rechnique," Proc. Soc. Exp. Biol. Med. 137:327-330, Academic Press, Inc. AR 3 (1971). Susurril, R.H., et al., "Localization of Erythropoietin in the Glemanulus of the Hypoxic Dog AS 3 Kidney Using a Fluorescent Antibody Technique, " Acta Haemat. 47:238-262, S. Korger (1972). Carnot, XIP. and Deflandre, C., "Sur l'activité hémoplétique 'du sérum au coura de la regénération du sang," C.R. Acad. Sci. 143:384-386, (1906). ΑT 3 examiner DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with KPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

					•				Page 6 of 19
				<del></del>	ATTY. DOCKEY 1909.0030002			APPLICATION NO.	
	ግ•• <b>፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡</b> ፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡፡		1 970-1669		APPLICANT Carcagno et a		<u></u>	<del>19</del> /830,964	
l B	I HERREAL I	CX DI	isclosure state	<u>EFENT</u>	FILING DATE	ar.		GROUP To Be Assigned	
		<u> </u>		U:	S. PATENT DOCUMEN	T2		0 BE ASSIGNED	
examiner			<u> </u>				$\Box$		
INITIAL		200	DUMENT NUXBER	DATE	MAME		CLASS	SUB-CLAS	S FILING DATE
<u> </u>	AA AB	+		<del> </del>	+			<del></del>	<del></del>
	AC	+		<del>                                     </del>	+		-	<del></del>	<del></del>
	AĐ	+		<del>                                     </del>	+	***************************************	+-	<del></del>	-
	AE						<del> </del>		+
	A2	I							
	AG	<u> </u>							
	АН	4		<u> </u>	<del></del>		<b>—</b>		
	Al	<del> </del>		<del> </del>	<b></b>		<del></del> _		
	AJ	+		<del> </del>			<del></del>		
				<u> </u>					
EXAMINER		$\overline{}$		PORE	IGN PATENT DOCUM	INTS	<del></del>		<del></del>
EMITIAL	-	DOC	UMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	1
	AL_	<b>_</b>		<u> </u>	<b></b>				Yes No
	AM								Yes No
	AN								Yes No
	AO						7		Yes No
	AP						1		Yes
			OTHER (	Including Autho	r, Title, Date, P	Pages Pages			No.
<u>~</u>			Cernot. A.P.	. end Deflandra.	. C., "Sur l'activ	Vítá hémoplátic	ue des di	46Amanta arang	- au aaima da
	AR	<u>&amp;</u>	la regénérat	fon ou cong," (	C.R. Acad. Sci. 14	3:432-435 (1906	).	THE SHOP WITHOUT	B au thin a fir
	AS	<u>4</u>	Carnot, M.P. Senguine, C	, ¤Sur le Hécer ∴R.H. Sean. Mem	nioma da L'hypargl ). Soc. Biol. 111:3	lobulie Provoque 344-346, Librai	6e per le res de L'	: Sérum D'animou 'Académie de Héc	æ en Rénovation Jacina (1906).
	AT	4	Carnot, H.P. Régénération Hédecine (199	ns Viacérales," :	ité Cytopoiétique C.R.H. Sean. Mem.	du Sang et des Soc. Biol. 111:	Organes :463-665,	Régénérés ou Co Libraires de L	urs des .'Académie de
<b>EVANINER</b>							DATE COM		
EVANIKER: In citation if m	itial 19 r	eferc	nco consideros	d, whether or n	of citation is in	eenformance uf	th KPEP	609. Drem line	through

	<del></del>										Pega 5 of 19
	·			-		ATTY. DOCKET NO. 1909.0030002/JAG/CX3			APPL 10 09/830	CATION NO. 0,966	
	in <b>for</b> gaj		i pto-1449 Isclosure_stat	uerae N	IT	APPLICANT Carcagna et al.	<u>.</u>				,
	Other Same —	1.500 march	<u></u>			FILING DATE May 3, 2001			GROUP To Be	Assigned	<del></del>
					U.S	PATENT DOCUMENTS				CONT. Size	
examiner Buitial		7,00						T		T	
INTITUS	AA	1000	CULTENT HUXBER	DAT	/E •	NAME		CLA	<u>ss</u>	SUB-CLASS	FILING DATE
	AB	+-		+			<del>- ,</del>	}—	— <u> </u>	<del></del>	<u> </u>
	AC	1		+		<del></del>	-	<del> </del>	<del></del>	<del></del>	<del> </del>
•	AÐ			<u>†</u>				<b>†</b>		<del></del>	<del>                                     </del>
	AE							<u> </u>		<del> </del>	<del></del>
	AF							<u> </u>			<u> </u>
	AG		·								i
	AH			Ĺ							
	AI	<u> </u>		<u> </u>				<u> </u>	<del></del>		
<b></b>	AJ	Д		<u> </u>			<u> </u>	<u> </u>			
<del></del>	AK			<u> </u>		<u> </u>		<u>L</u>		<u></u>	
				<del></del>	FOREI	IGH PATENT DOCUMENTS		<del></del>		~~~ <u>~</u>	
Examiner Initial		<u> 500</u>	ASKENT MUMBER	DAT	LE	COUNTRY		CLAS	<b>3</b> S	SUB-CLASS	TRANSLATION
	AL			<u> </u>							Yos Ho
	AM			L				L			Yes No
	AM			L							Yes No
	AO										Yes
	AP										Yos No
			OTHER !	<u>l</u> Incl	unline Author	, Title, Dote, Pertinent	Posse, 6	حجر			МС
	AR	5.	Caro, J. 271	d Ers	slev, A.J.,.ª ys end in the	"Biologic and immunologic eir glozerular and tubul	c erythrea	ooiet	in in a	extracts from the control of the con	s hypoxic d 103:922-931,
	AS	<u>5</u>	Caro, J., et	: al.	, "Erythropo Hematol 12:35	pietin Production by an E 57, Springer-Verlag (198	Establishe %)_	d Kic	îney Pr	vou lemino	le Cell Line
W	AT	5	Caro, J., et	: a1. 1. Ph	, "Erythropo ys101_244:E4	pietin in liver tissue ex 431-E434, American Physi	Xtracts an  ological 1	d in Socie	livor ty (19	perfusates 1 83).	from hypoxic
examiner .							DA	ATE C	ONSIDE	QHD	
EXAMINER: IF	nitial 19	Peforo Ifernal	mee end not er	ಸ್. ಜೆ, ಜ ಜಾsic	hether or not bred. Inclu	e citation is in conformate copy of this form with	ance with	KPUF	609.	Drew line (	Zhrough

		<del></del>			$\overline{}$	APPW NAME WEER		7.204		Page 6 of 1
		~~nM	0440		[	ATTY. DOCKET NO. 1909.0030002/JAG/CXB		09/8	.ication no. <u>188</u> ,08	<del>-</del> -
ĺ	inforwat		PTO-1649 SCLOSBE_SIAI	rewert		APPLICANT Corcegno et al.				
	Alleria	Millian		Acres .	ľ	FILING DATE May 3, 2001		GROUP To Be	e Assigned	
				U		ATENT DOCLEENTS		1000	MSS Igneu	
EXAMINED										T
INITIAL		DOCE	WAENT NUABER	DATE	MA'	YIE	cr.	A <b>SS</b>	SUB-CLASS	FILING DATE
	AA AB			<del> </del>			<del></del>		<del>_</del> '	<del> </del>
	AC	<del></del>	<del></del>	<del></del>	+		<del></del>		<del></del> -	<b></b>
	AD	<del></del>	<del>- i</del>	+	+-		<del></del>		-	<del> </del>
· .	AE	+-		<del></del>	+		<del></del>		<del></del>	<del> </del>
	AZ			†	<b>T</b> .				+	<del> </del>
	AG							<del>-</del>	+	<del>                                     </del>
	Ан		<u> </u>							
	AI	4		<u> </u>	1					
-	AJ AJ	<del> </del>		ļ	<del>`</del>					
	AK	<u> </u>	<u> </u>		<u> </u>					<u> </u>
	~~~	<del></del>		FORF	EIGM P	PATENT DOCUMENTS	<del></del>		li Control	
EXCAMINER INITIAL	-	DOCU	CHENT WUNBER	DATE	<u>∶ </u> co	USTRY	cla	122	SUB-CLASS	TRANSLATION
	AL				, [1	Yes
									†	Yes
*******	AH .			 	┽—					He He
	AN			1			1		.]	Yeo
					7				+	Yes
	AO AO	 								No.
	ДР								T 1	Yes · No
			OTHER (Including Author	or, T	itle, Date, Pertinant Pa	nong. otc.)		<u></u>	
				-			Basi		70	
	AR	6	Dinkelear,	l.D., et al., on ne Metabolism o	≠etebe	olic Studies on Erythro Dip. Hematol. 9:796-80	poietin (Ep 03, Allen P): II. rees,	The Rolo of Inc. (1981).	Liver and
	AŞ	£	Dornfest, B.	.S., et el., MHA hemolytic stat	epatic e in :	o production of erythro the ret, J. Lab. Clin.	poietin in Med. 102:2:	e phen 74-85,	ylhydrosino-i C.V. Rosby C	Induced company (1983).
	AT	\$	Dornfest, B. Liver,* Ann	.s., et al., ¤Re Clin. Lab. Sci	ecover . 11:	ry of an Erythropoletic 37-46, Institute for Cl	Inducing F	actor	from the Rege 1981).	enerating Rat
examiner							DATE (COMSIDE	ERED	
						itation is in conformant				

						ATTY. DOCKET CO.			APPL I	CATION KD.	Pago 7 of 1
		FOR	PTO-1449		ı	1909.0030002/JAG/CHE	3		09/83	0,964	·
	<u>informa</u>	itur b	ISCLOSUBE STAT	eurn?		Corcagno et al.					
						FILING DATE			GROUP	Assigned	
					uJs. ı	PATENT DOCUMENTS			IO DE	ASS TOTIEU	
examiner				1			**				
BUITIAL	AA	<u> </u>	REMEMBER THEMOL	DATE	 [yake		CLAS	\$	SUB-CLASS	FILING DATE
	AB		1	 	╌┼					ļ	
	AC	┪	<u>-</u>	 	\rightarrow	· · · · · · · · · · · · · · · · · · ·				 	ļ
	AD			1.	``	·	-	_}_		 	<u> </u>
	AB								-	 	
	AF										
	AG				}						
	AH	_		ļ ·	┷╁.			_			
•	IA LA	-}-		}	╼┷╄╌						
	AK			 	╌╁╴				<u> </u>		
			i	Ff	DE LON	PATENT DOCUMENTS	->-			<u> </u>	<u> </u>
Examiner			i	1	- Car	TATENT DOCUMENTS				<u> </u>	
THITIAL		0cc	LIMENT NUMBER	DATE	<u>ه إ:</u>	OLGHTRY		CLASS	<u> </u>	SUB-CLASS	TRANSLATION
	AL	1									Yes
· · · · · · · · · · · · · · · · · · ·	- <u>- - - - - - - - - </u>	 	 i		╬			<u> </u>		<u> </u>	No.
-	AM				<u> </u>						Yes No
	AM	1	1		ı			1			Yes
	 	┪~~	i		\dashv			+		 	
<u> </u>	AO										. Ho
	AP	ľ	1		- [Yes
		<u> </u>	OTYZD K		il	into Page Break				<u> </u>	Mo
	1) I	THE COME AND	nor, I	itle, Date, Portinant	Pages,	eto.)			
	AR	Z	Erslev, A., (1953).	"Humoral Roge	ulatīc	n of Red Cell Product	ion,□ B	lood 8:34	9-357	', Gruno and	Stratton, Inc.
	AS	z	Ersley, A.J.	, " In Vitro 1700d 44:77-85	Produc , Grun	ction of Erythropoleti We and Stratton, Inc.	in by K (1974).	idnaya Pe	erfuse	Id tith a Sei	-rui-tree
	AT	<u>7</u>	Erslev, A.J. Tumor Pharmad	and Coro, J. cother. 3:159-	, "Phy	rsiologic and Molocula Pergamon Press (1986)	ar Biolo	ogy of Er	ythro	poietin," <i>Me</i>	rd. Uncol.
CAMIMER				•				DATE CO	SIDER	RED .	~
CAMILER: In	itial is	rofere	nce considere	d, whether or	not c	itation is in conform	ance Mi	th Liber	600	Decu I ina A	bassab
station if n	of in con	Yoraan	ee and not ebr	rsidered. In	ekuis	copy of this form wit	h next	രാസമ്	agion	PA Applican	

				L						Page 8 of 19
				ĺ		BED DAL/S000E00. PTTA		APPLIC 09/830	ATION NO.	
	TMERSMAT		1 pto-1449 Leclosube_eia	Ļ	EMENY	APPLICANT Carcagno et al.				
	Millionson	<u>الل⊷ت.</u>	30418900 Jan	١		FILING DATE May 3, 2001		GROUP To Be	Assigned	
				Ü	U.S.	PATENT DOCUMENTS			100 1 3	
EXAMINER	· ·	7		Γ						
SUITIAL		DOC	CUXENT NUXSÉR	<u></u>	DATE	HAFE	CLA	iss	SUB-CLASS	FILING DATE
	AA AB	+		۲			-		 	
	AC	+			 		+		-	
	AD AD	+		7	 		+		 	
	AE	1_		Ĺ	<u> </u>		+			1
	A2									<u> </u>
	AG			<u> </u>						Î
	AM			الله	<u>[</u>					
<u> </u>	Al		<u></u>	<u> </u>	.					
	LA L			\vdash	 			_	<u> </u>	<u></u>
	AK		 	٣	<u> </u>					<u></u>
EXAMINER		$\overline{}$		\vdash	PONE 10	GN PATENT DOCLMENTS	—			γ
EMERICAL		200	REBELLIN THEMLE		DATE	COUNTRY	CLA	.ss	SUB-CLASS	TRANSLATION
	AL					·				Yes
				Γ	. 1					Yes
	AM .	+		۲	 		+			No Yes
-	An	+				-				No
<u></u>	AO	<u> </u>		ا_ٰ		<u> </u>				Yes No
<u></u> -	AP			U						seY ott
			OTHER	-	Including Author	, Title, Date, Pertiment Pages,	. ot <u>c.)</u>			
				Ī						•
	AR	<u>8</u>	Eschboch, Auman Eryt	J.	.H., et al., "Cor repoletin," New E	Proceion of the Ancelo of End-St Eng. J. Med. 316:73-78, Massachu	toso Re usetts	mal Dis Medical	leaso with R Society (19	ecombinant 987).
·	AS	£	Fisher, J. Perfused K	ਮੂ. 1c	. and Birdwell, B iney," Acta. Haem	3.J., "The Production of an Eryi Bat. 26:224-232, S. Karger (1961	thropoi	ietic fa	actor by the	: In Situ
	AT	8	Fisher, J. Antibody T	¥. ≆	, et al., □Local chnique,□ <i>Nature</i> (ization of Erythropoletin in Gl 205:611-612, Macmillan Magazina	lœerul es Ltd.	i of Sh (1965)	leep Kidney (by Fluorescent
examiner		•		Ī			DATE	COMSIDE	RED	
EXMINER: In	iftfal fo	refer	ence conside	70	d, thether or no	re ciration to in conformance wi	ich mpe	P 609.	Drem line	through

Paga 9 of 19 ATTY. DOCKET MO. APPLICATION NO. 1909_0030002/JAG/038 09/830,964 FORM PTO-1449 APPL I CACIT Carcagno et al. LHECTHATION DISCLOSURE STATESTAL FILING DATE GROUP To Be Assigned May 3, 2001 U.S. PATENT DOCUMENTS ENITIAL DOCUMENT MUMBER DATE CLASS SUB-CLASS FILING DATE AA AB AC AD AΕ AF AG AH ΑI AJ ΑK FOREIGH PATENT DOCUMENTS EXAMINER IMITIAL DOCUMENT HUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes AL No Yes No Yes No Yes AO ЯO Yos AΡ Жo OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Fisher, J.H., "Pharmacologic Modulation of Erythropoletin Preduction," Ann. Rev. Pharmacol. AR 2 Toxicol. 28:901-922, Annual Reviews, Inc. (1988). Frenkel, E.P., et al., "Some Observations on the Localization of Erythropoletin," Ann. N.Y. Acad. AS 2 Sci. 149:292-293, New York Academy of Sciences (1968). Gordon, A.S., et al., "A Plasma Extract with Erythropoietic Activity," Proc. Soc. Exp. Biol. Med. AT 2 86:255-258, Society for Experimental Biology and Medicine (1954). examiner DATE CONSIDERED

ENAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

•					•						. :
	****			_	:		ATTY. DOCKET NO. 1909.0030002/JAG/CHB		APPL 10	CATION NO.	Paga 10 of 19
1 8	THEORNA'		i Pto-1449 Leclosure_st/	 	- Company		APPLICANT Carcagno et a).		<u> </u>	U, YO4	
,	<u> </u>	Live .	UNITARKA				FILING DATE May 3, 2001		GROUP To Be	Assigned .	
				Γ	ال با	<u>۔۔</u> ج	PATERT DOCUMENTS		10 0-	ASS I GIICU	
	\Box	~~~		F	1	Ϋ	PATENT CONCENTS	\top		7	· · · · · · · · · · · · · · · · · · ·
INITIAL		DCC	CUMENT MUMBER	_	DATE	4	NAME	CLA	ss	SUB-CLASS	FILING DATE
	AA AD			-	<u> </u>	4		- 		 	
	AB	\dashv		\vdash	<u> </u>	ᆉ				<u> </u>	
	AC AD	\dashv		-	<u> </u>	+		╂		 	
	AE		<u>'</u>	\vdash	<u> </u>	+		╂—		 	
	AZ	+		П		+				 	
-	AG	+-		Н	 	†		╬		 	
	AH		····	П	 	†		╬		┿	
	AI	<u> </u>		~	-	†		+		╬┷	
	Aul	1_				1		1		 	
	AK				ii	Î		1		 	
					FORE	ΙÇ	N PATENT DOCUMENTS			المريد	
examiner Initial		DOC	NEBRUH HUMBER		DATE	Т	COUNTRY	CLAS	58	SUB-CLASS	TRANSLATION
	AL			Ī		1					Pos
	AFF	十		П		1		+		<u> </u>	No Yes
		+	<u> </u>	I		†		╁┈		 	No Yes
	AN	╁	<u></u>	7	1	+		+-		 	No Yes
	AO			4	<u>i</u>	+		ـــ		ļ	No
	AP	l		ل		<u></u>		<u> </u>			Yes Mo
			OTHER	<u>(</u>]	including Author	<u> </u>	Title, Date, Pertinent Pages, o	etc.)			
	AR	10	Hen, P., e Abstracts i	d)	al., "Cloning o	4 52	a human erythropoletin cottA end ? (1996).	l ita (ежргеве	efen in COS-7	rcells,⇔ Chem.
	AS	<u>10</u>	Hodgson, G Rabbits,¤	37	and Toha, J., a ood 9:299-309,	Th Gr	ne Erythropoletic Effect of Urin Tune and Stratton, Inc. (1954).	o and	Plasma	a of Repeated	ily Blod
	АТ	10	Jacobs, K. erythrepoid	28.	et al., "Isolati in," <i>Nature 313</i> :	f o:	n and characterization of genom 06-810, Macmillen Ragazines Ltd.	ic and	1 COMA 55).	clones of hu	znan
EXAMINER	-	<u> </u>			:		T c	DATE C	ONSIDE	RED	
EXAMINER: Ini	itial if	refere Yerman	ence consider	.ex	1, whether or m	3c	citation is in conformance with a copy of this form with next co	h RPEF	> 609.	Draw line t	hreugh
			7	Ť		~	A CAD A CHILD LAND MINE ILMAN AL		COLIGI	TO HOPLICE!	τ.

					+	~				Page 11 of 1
				•	į	ATTY. DCCKET NO. 1909.0030002/JAG/CXB		APPL	.icatica no. 130,9 3 4	
	тнеознач		PTO-1449 ISCLOSURE STATE	anama Banama	į	APPLICANT Carcagno et al.		<u> </u>	2000	
	ANTOMORE	(HOL HAN)	ALLOURE SHE	<u> Cheni</u>	ļ	FILING DATE		CROUP		
	····				uls.	May 3, 2004 MATERY DOCUMENTS		TO BE	e Assigned	
Examiner		\top	<u> </u>		1	ANIERI BARRIMINI		—		
TUITIAL	-	<u> DOC</u> 1	RESEAURI TREEK	DATE	<u></u>	NAME	<u> cu</u>	ass_	SUB-CLASS	FILING DATE
	AA	4			-				Ţ	
	AB	+		 	+					
	AC				#					<u></u>
	AĐ AĐ	+-			++				<u></u>	
	AP	+-			++			~	 '	<u> </u>
	AG	+-		 	+				+	
	AH	1			+		-			
	AI	1_			计				+	
	AJ	1				·	_			
	AK						_		1	
				FO	RÉIG	N PATENT DOCUMENTS				
EXAMILER .		1				<u>-</u>				
ENITIAL	-	Door	UMENT MUMBER	DATE	- ++'	COUNTRY	CLA	<u>.\$\$</u>	SUB-CLASS	TRANSLATION
	AL		11	1	i [_		. [Yes
				 	1		-		+	you you
	AM .	—		<u> </u>	4				<u> </u>	Yes
	AN	ļ	17	1						Yes
	HW	 			+					No
	AO						- [1	Yes
	7		•		7		\neg		1	Yes
	АР	<u></u>		<u></u>	<u> </u>	<u></u>				, No
			OTKER (C)	including Aust	nor,	Title, Date, Pertinant Page:	.s, etc.)			
	A.R.	99	Jacobson, L.C	O., et al., " :d. (1957).	Rolo	of the Kidney in Erythropoi	iesis,¤ A	'ature	179:633-634,	Flaces I (an
	AS	11	Jelkmenn, H. Rats," <i>Exp</i>	, et al., □Ex: Hematol. 11:54	81-58	tion of Erythropoietin from 3B, Allen Press, Inc. (1983).	Isolated	Renal	. Glameruli of	? Hypoxie
	AT	זז	Jixien, D., (Med. Sci. 21;	et al., "Stud :244-246, Aesa	y on demy	a serum-free medium used for of Hilitary Modical Sciences	r produc s (1 99 7)	tion c	if rhuzpo,□ Bu	111. Acad. M11.
Diamicer				······································	1		DATE (CONSIDE	ERED	·
MAMINER: Inf	iesal is e	roferer	nce considerer	d, whether or	riot	citation is in conformance to copy of this form with next	with KPE	P 609.	Drew Line t	through

			1				•		
					! ;				
			i			ATTY. DOCKET NO.		APPLICATION	Page 12 of
		6090	4 PTO-1449			1909.0030002/JAB/02		09/830,966	19 0 .
					!	APPLICANT			V
	LHEGRHAI		<u>isclosure stat</u>	EREHI	İ	Carcagno et al.		·	
					<u>i</u>	FILING DATE HOY 3, 2001		GROUP To Be Assign	M
	,				u.s.	PATENT DOCUMENTS		1	
examiner	I	ľ		1		***************************************			
INITIAL	 	100	DUNENT NUMBER	DATE	<u> </u>	YAME .	CL	res ens-c	LASS FILING DATE
	AA A	╬		 	 - -				
	AB AS	┿-		 	╬				
	AC AD	- }		 		•			
	AE	_		 	╬				
	A2	╅			╌┼╂╾	~			
	AG	╅		-	╼┾╉╼				
	AH	╅			╼┼╂╌				
	RA	1		 	┿╂				
	Ad	1		 	╌╁╴				
	AK	Ť	i				 }		
				FO	PETCM	PATENT DOCUMENTS			<u></u>
DIAMINER	7	T-		<u> </u>	VE 102	PATERI DOCUMENTS			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
MITIAL	<u> </u>	200	UMENT MUMBER	DAYE	<u> </u> c	CUNTRY	CLAS	SS SVB-CL	ASS TRANSLATION
	1				Π			1 20 5.	Yes
	AL	╫		<u> </u>					
	AM				il		· [1	Yes
<u> </u>				-	∺	~		 -	No
	AN							ŀ	Yes
•	1		[]						Yes
	_ AO	 -			-4-				No.
·	ΔP	1	ll li		il.			Į	Yes
			OTNER ()	Including Auri	SOF 7	itle, Date, Pertinant			
			7,1,1,1	HOLDER HOLD	<u>, 1</u>	itte, bate, pertinant	Pages, occ.)		
	AR	12	Kezel, L.A. 5:98-109, In	end Erclev, A scitute for C	.d.,	Erythropoletin Produc ol Science (1975),	tion in Renal	Tumors,™ Ann.	Clin. Lab. Sci.
	AS	12	Krene, N.K., Med. J. 31:17	"The Role of 7-181, Henry	Eryth Ford	repoistin in the Amem Hospital (1983).	ia of Chronic	Remal Failure	." H. Ford Hosp.
	ΑŸ	12	Koury, S.T., Situ Hybridiz	et al., "Locc ation," Blood	11 izat 172 : 5	ion of Erythropoletin 24-527, Grune and Stra	Synthesizing	Cells in Hurir 1988).	e Kidneys by In
ami her			1	<u>_</u> _	 -	•	1		
					<u> </u>		1	#SIDERED	
WINER: Infe	ial if r	efere	nce considered	, whether or	nok c	tation is in conformations of this form with	ace with MPGP	609 Decu 16	na ékonyah
	IN COM	o regard	e and not con	sidered. Inc	timbs a	total and abile the sector	10 WF	B. GH []	·~ un una

				:	ATTY. DOCKET NO. 1909.0030002/JAG/CHS		APPLICATION 09/830.964	NO.	Poge 13 of 1
		FORM PTO-1649		•	APPLICANT		1097000,900		
	Infoseat	TON DISCLOSURE 8	<u>tatement</u>	!	Corcogno et al.	-	GROUP		
~			<u></u>	<u>i</u> _	Hey 3, 2001		To Be Assign	ed	
SKAMI NER			-		PATENT DOCUMENTS	<u> </u>			
BRITIAL		DOCUMENT MUMB	ER DATE		HAME	CL	ASS SUB-	CLASS	FILING DATE
	AA	-		<u>_</u>					
	AB	-	 	!					
~	AC								
	AD	 		<u> </u>	·				
·	AF	+	+}						
~~~	AG	<del></del>	+}						
	AH		┿	-					
	AI	1	<u> </u>	<del>'</del> †				∤	
	AJ		<u> </u>	<del>-  </del>		<del></del>	<del></del>	<del></del>	
	AK					<del></del>	<del></del>	<del></del>	
				FOXEL G	PATENT DOCUMENTS				* <del>-</del>
examiner							γ		
INTVIAL	<del></del>	DOCUMENT HUMBE	RIDATE	- 11	COUNTRY	CLA	ss sua-c	LASS '	KOLTAJŽNAST
• ~	AL								Yes No
	AM				_				Yes
	ДМ			1					Yes
	AO			- !				$\dashv$	ਸo Yes
	AP		1		······································			<del>-</del>	No Yes
	IAP	<u> </u>		<u></u>					Ho
	AR	Koury, S.  13 Hybridiza	T., et al., s	 	Title, Date, Portinent ation of Erythropolatin th Hematomrit, Renal Er 51, Gruma and Stratton	-Producing Ce		s of Mi	ice by In Situ thropolistin
	AS	Kurezousk 13 8700d 18:5	o, z., et al. 27-534, Grun	, "Studi	es on the Preduction o ratten, Inc. (1961).	f Erythr <del>opo</del> le:	in by Isolate	ed Perf	used Organs, "
	AT :	13 Kurtz, A., production	et al., wae	nel masa 7. Acad	nsial cell cultures as Sci. USA 80:4008-4011,	a model for a	tudy of eryth	ropole: es (19	tin 83).
CATHED .				•		DATE CO	248 I DERED		
MINER: Inf	itial if re	oference conside	red whether	00 pp	itation is in conformation of this form with				

I			1	1	•	ATTY. DOCKET NO. 1909.0030002/JAG/CHB			Lication Rd. B30,964	
	THPOSMAT		P70-1449 USCLOSURE STA	· ACCUBA	i	APPLICANT Corcogno et al.		<u>  U&gt;,</u>	50, 701	
<del></del>	AMA:	<u> </u>	th/-tentur-	1kbsec.	-	FILING DATE		GROUP To Be	JP Be Assigned	
			,		SLU.	- PATENT DOCUMENTS		110	2 ASSTYTEG	
EXAMINER			1			PAICHI MAGETERIA	~		<del></del>	<del></del>
SHITIAL		DOCU	UXENT KLXBER	R DATE	<u>.</u>	NAKE	lev	A <b>ss</b>	MIB-CLASS	FILING DATE
	AA				!!	New York		-50	300- Lawre	FILING DATE
	AD	T_						~	+	<del></del>
	AC	I_			-				+	<del></del>
	AD								4	<del></del>
	AE								+	
	A2			<b></b>	-!		<del></del>		+	<del></del>
	AG						<del></del>		+	<del></del>
	AH						<del></del>		+	<del> </del>
	Al				1		<del></del>		+	<del></del>
	LA				<u>:</u>				+	-
	AK								<del></del>	<del></del>
					PORETE	EN PATERIT DOCUMENTS				
EXAMIKER	7			IT	1				7	<u> </u>
INITIAL .	<del></del>	pocur	CHENT NUMBER	I. DATE		COUNTRY	CLAS	-SS	SUB-CLASS	TRANSLATION
	AL	f	J	1	Ĩ.,	· <del></del> ·-			7	Yourservisor
	1	+	<del></del>	<del>   </del>	<del>'</del>					. n
	AM	ļ	1	d	.1				T ,	Ye
				1	-		<del></del>		<del></del>	U Va
	AN	<del></del>		<u> </u>					1 ,	Ye:
	1,,	[		i T			•		+	Yes
	A6	<b>├</b>	1	<del></del>						Ye:
	AP	1_	_1	d	il					Ye
			OTHER /	l luding	^	Panalanne Dr		<u> </u>		H.
		$\neg$	VIII	Incitation	Author,	Title, Date, Pertinant Pop	Ææ, etc.)			
!	AR E	16	Lacombe, C. Hypoxic Kid	, et al., inay, □ J. (	≃Poritub: Clin. Inve	uler Cells Are the Size of est. 81:620-623, Rockofelle	f Erythropol er Universi	iev pr	Synthesis in	che Hurino
		<b></b>		1	. ,		~ _	••	99 1	
		_	·			-				
	AS 1	16	Liu, P., et the Rat, J	al., ¤Hepa Surg. On	etic Enyt Col. 15 _E 1	thropoletin (Ep) Production 121-132, Alem R. Liss, Inc.	n Following . (1980).	, Doubl	le Partial He	:patectomy in
	4	<b></b>			<del></del>	_				
	1		ا							
	AT 14	14 P	roduction i	A., et al. n the Rege	, "Retlicu encrat (Ing	culoendothelial System (RES g Liver, D J. Surg. Oncol. 1.	3) Hyperfunc 12:227-242,	ation a	and Erythrope R. Liss, Inc.	)ietin (Ep) .(1979).
	~		<del></del>		<u>:</u>			OMSIDER		~

	FORM PTO-1449  LHFURMATICH DISCLOSURE STATEMENT								APPLICATION NO.		
						1909.0030002/JAG/CHB 09/830,964 APPLICANT Corcogno et 81.					
j`						FILING DATE Nay 3, 2001		GROUP			
					U.s.	PATENT DOCUMENTS		<u>10 B</u>	Assigned	<del></del>	
Examiner									<del></del>	T .	
EMETIAL	<del></del>	00	RECKLICA THE KUKESER	DATE	<del></del>	HAME	CL/	SS	SUB-CLASS	FILING DATE	
	AA			<u> </u>							
	AB	<del>-</del> -	-	ļ		·····					
<del>~</del>	AC				<b>~-</b> ↓↓						
	AD	∤	×	<u> </u>	!}						
<del></del>	AE	<del></del> }			<del>;</del> }						
<del>-</del>	AF.	<del></del>				·					
···	AG	<del></del>		<del> </del>		<u> </u>					
<del></del>	AH				┷	· · · · · · · · · · · · · · · · · · ·					
	IAJ	<del></del>		-	<u>-</u>	<del></del>					
	AK	┱┼╌		╁ <del>┤─</del> ─		<del></del>			<u> </u>		
<del>~~~</del>	- Law	<u> </u>		<u> </u>	<u>-</u>				<u></u>		
EKAMINZR					FOREIGE	PATENT DOCUMENTS					
EDETIAL	├	000	LIMENT NUMBER	DAVE		CULTRY	elas	ss	SUB-CLASS	TRANSLATION	
<del></del>	AL									Yes No	
	AH							<u> </u>		. Yes	
	ДĦ	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}$								Yes	
	AO									Yes	
	000	1	·		<del>~</del> ;				<del>  </del>	No.	
	AP		OTHER 6	Including A		Title, Date, Pertinent		ليــــــــــــــــــــــــــــــــــــ		Mo Mo	
<del></del>		T	711121	TITLE COULTS AL	enon,	itte, bate, Pertinent	Poges, etc.)	·		•	
	AR	15	Saughtan, B Erythropole	A., et al., tin,¤ <i>Ann</i> . C	¤Evice 71n.  Lai	npe for a Hopatic-Renal D. <i>Sci. 13:</i> 452-438, Ins	Antagoniam i litute for Cl	n the i	Production e Science (19	of Hopalic B3).	
	AS	15	Parsons, T. E Horeones by Lippincott C	ADD OF HIRIT	*Repid ( Porfor	and Easy Separation of mance Liquid Chrematogr	the Subunits ephy,	of Bov	ine and Huzza v 114: 2223-	n Glycoprotein 2227, J.B.	
	TA	<u>15</u>	Reisman, K.R Hypoxia,™ <i>81</i>	., "Studies 00d 5:372-38	on the	Mechanism of Erythropo ස and Stratton, Inc. (1	ietic Stimula 1930).	tion i	n Parabiotic	Rote During	
Miner .					- !		DATE CO				

ß

	FCRH PTO-1449				ATTY. DOLLET M. 1909.00200.4J/	APPLICATION NO. 09/830,964					
					APPLICANT						
	LNFORGA	בנפצנים	LISCLOSURE STAT	TEHENT :	Carcagno et al.						
<del>(*******</del> *)	FILING DATE					GROUP To Be Assigned					
<del></del>	<del></del>			اِ ن	S. PATENT DOCUMENTS			192.25	August		
Examiner Initial	ľ	1								Y	
INTITAL		_   00	CUMENT NUMBER	DATE	NAME		CLA	35	SUB-CLASS	FILING DATE	
_	AA AB	╅	<u> </u>	-{ <u>'</u>	<del></del>						
	AC	╅		<del> </del>	<del></del>						
	AD	╅	<del></del>	<del></del>	<del></del>	<u>.</u>			<u> </u>		
	AE	_		<del> </del>	<del></del>		<del></del>		<del> </del>		
	AZ		-	<del></del>			<del></del>				
<del>.</del>	AG	<u> </u>	<del> </del>	<del> </del>	<del></del>	<del></del>	<del></del> -		<del></del>		
	AH	$\top$			<del>                                     </del>		<del></del>		<del> </del>	ļ	
	AI	1					<del></del>		<del> </del>	ļ	
	LA		i				<del></del>		<del> </del>		
	AK			}		<del>-                                    </del>	<del></del>		<del> </del>		
				Foxel	IGH PATENT DOCUMENTS					L	
Diaminer					1					· · · · · ·	
MITIAL	<del></del> -	000	UMENT KUXBER	DATE	COUNTRY		CLAS	S	SUB-CLASS	TRANSLATION	
	AL	1		!						Ye	
***	~ <del> </del> ~	<b>—</b>	<u></u>	<u> </u>	<del> </del>		<del></del> -			N	
	AM								] ]	Ye	
				,			<del></del>	•	╄╼═		
	MA	╬┈								Ye:	
,	AO	ł	li					,		Ye	
			- i				<del></del>		<del>├</del> ──—-}		
	AP	<u> </u>		ļ	l		1			Yes	
			OTHER (	Including Author	, Title, Dato, Pert	inent Pages	086 1	<del>-</del>	·	Nc	
				ı		THE PERSON	g acc.)			·	
	1 1		Schunge		• • • • • • •						
	AR	36	Hessenger RM	u., el ar., ∾phy A.¤ <i>Blood 70</i> :396	Elologic Regulation -318. Grune and Sec	logic Regulation and Tissum Localiza 3, Grune and Stratton, Inc.(1987).			ation of Renal Erythropoietin		
	1				over area and are	betwie inc.	(190/).			. •	
	╬┈╬	-			, <u> </u>		<del></del>				
	1		1	'							
	AS	16	Sherwood, J.I	J.B., et al., Perythropoletin Production by Ku			n Renal (	arcin	oma Cella (a	Pril tumo B	
	1 1		Endocrinology	, 99:504-510, J	3. Lippincott Co. (1	976).	76).		ama cells in Culture,□		
	1 7	ı		***************************************	·		<del></del>		·		
	1 1		Tokoneti u	A 43					•		
	AT	<u> 16</u>	b _s , a J. Biol	et al., "Amino Chem. 255:15364	Acid Sequence of th 1541, American Socie	us \$egmen	t of	Rabbit Liver	Cytochrome		
					railer ream socie	er or giot	ogical Ch	emi e t	s, Inc. (198	D).	
UNINER			1	•	·		<del>-</del>				
							DATE CO	SIDER	ED		

	-				<del> :-</del>	<del></del>					Page 18 of	
						ATTY. DOCKET NO. 1909.0030002/1AG/CRB				APPLICATION NO.		
	FORM PTO-1449  LINFORMATION DISCLOSURE SYATES					1969.0030002/JAG/CKS 09/830,964 APPLICANT Corespin et al.						
	AMAGENTA	LONG	STOCKHOOME STA	LEGENI		PILING DAT			CDOLL	1		
<del></del>						Hay 3, 200	1		GROUP To Be Assigned			
EXAMINER		$\overline{}$	~ <del></del>	<del>,                                     </del>	<u></u>	PATENT DOCUM	ENTS		-			
INITIAL		Di Di	CUMENT NUMBER	DATE	:	name					1	
	AA		1			N/O'82		CI	.ass	SUB-CLASS	FILINS DATE	
	AB						*			<del>-</del>	<del> </del>	
	AC				ı	<del></del>				<del></del>	<del> </del>	
	AD				:					<del>                                     </del>	}	
	AE	_								<u> </u>		
	AP	4		<u> </u>						<del>                                     </del>	<del> </del>	
<del></del>	AG			ļ		·				<u> </u>	<del></del>	
	AH	<del>-</del> }-		<b></b>							j	
~	Al	+	<u> </u>	<del>                                     </del>	<u>_</u>							
	AJ	╬		<del></del>								
	AK		~ <u>-</u>		<u></u>	***************************************						
examiner		_		····	FOREIG	PATENT DOCU	HENTS	· · · · · · · · · · · · · · · · · · ·				
MITIAL		<u>  DO</u>	CUMENT KURBER	DATE	<u> </u>	COUNTRY		cu	lss	SUB-CLASS	TRANSLATION	
	AL										Yes	
	AF1			-	:					<del>                                     </del>	No Yes	
	AN									<del></del>	No Yes	
		$\dagger$			<del>  -</del> -	·	· · · · · · · · · · · · · · · · · · ·			<del>【</del> ─ <del>-</del> <del>-</del> <del> </del>	No	
	AO	╁╌	<u>`                                </u>			<u> </u>				ļ	Yes No	
	AP	<u> </u>		***************************************		<u></u>					Yes	
			отиея ф	ncluding	Auchor	Title, Date,	Pertinant P	boes, etc.)	-	<u></u>	No	
·.	AR	18	International		•					6238, Harch 7	, 2000.	
	AS	<u>18</u>	International	Search	Report of	Internations	i Applicati	on No. PCT/	U\$ <b>9</b> 9/26	5261, Merch 7	, 2000.	
	AT	<u>18</u>	International	Search (	Report of	Internations	l Applicatio	en No. PCT/I	)599/26	240, february	y 22, 2000 ₋	
AMINER		•	<u> </u>		<del> </del>			DATE C	D:3SIDER	RED		
AVINER: Inf	tial if n	afore	nce constana	V3000.		lacat.						
tusion is no	t in confe	orman	nce considered, ce and nes cons	idered.	Include	LUCTION 18 18	CONVERGONS	e nich kaeb	609.	Draw Line th	rough	

EXAMINER INITIAL AA AB AC AD AE AF AG AH AI AJ AK	FORM PTO-1449 ON DISCLOSURE STATE DOCUMENT NUMBER  DOCUMENT NUMBER	DATE	U.S. PAT	909.0030002/JAQ/C PPLICANT arcagno et al. ILING DATE ay 3, 2001 ENT DOCUMENTS E		GROU	P Assigned SUB-CLASS	FILING DAT
EXAMINER INITIAL  AA AB AC AO AE AF AG AH AI AJ AK  EXAMINER NITIAL  AL AM AN AO AP	DOCUMENT NUMBER	DATE	U.S. PAT	ILING DATE BY 3. 2001 ENT DOCUMENTS E	C	<u>To 8</u>	e Assigned	FILING DAT
INITIAL  AA  AB  AC  AD  AE  AF  AG  AH  AI  AJ  AK  EXAMINER INITIAL  AL  AM  AN  AO  AP			U.S. PAT	ENT DOCUMENTS	CI			FILING DATI
INITIAL  AA  AB  AC  AD  AE  AF  AG  AH  AI  AJ  AK  EXAMINER  INITIAL  AL  AM  AN  AO  AP			NAM	E	C	LASS	SUB-CLASS	FILING DATI
AA AB AC AD AE AF AG AH AI AJ AK  XAMINER NITIAL AL AM AN AO AP			FOREIGN PA		CI	LASS	SUB-CLASS	FILING DAT
AB AC AD AE AF AG AH AI AJ AK  XAMINER NITIAL AN AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AC AD AE AF AG AH AI AJ AK  XAMINER NITIAL AL AM AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AD AE AF AG AH AI AJ AK  XAMINER NITIAL AL AM AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AE AF AG AH AI AJ AK  KAMINER NITIAL AL AM AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AF AG AG AH AI AJ AK  KAMINER VITIAL AL AM AM AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AH AI AJ AK  KAMINER VITTAL AL AM AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AI AJ AK  KAMINER NITIAL AL AM AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
XAMINER NITIAL AL AM AN AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				<b>i</b>
XAMINER NITIAL E	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
XAMINER NITIAL E	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AL AM AM AO AP	DOCUMENT NUMBER		.1	TENT DOCUMENTS				
AL AM AN AO AP	DOCUMENT NUMBER		.1					
AL AM AN AO AP	DOCUMENT NUMBER	DATE	() COUNT				<del></del>	
AM AN AO AP			<del>-  </del>	TRY	cu	135	SUB-CLASS	TRANSLATION
AN AO AP	<del>- i</del>		1		1	•		Y
AN AO AP	i i			*			<del> </del>	
AO AP							1	Y
AP			1					Y
АР							╀┈┈┪	
							1 1	Y.
AR 19			1					Y
AR 19	OTHER CL	naledina Ar						
AR 19	OTREK (SI	HELUGING AU	tnor, Title	e, Dato, Pertinent	Pages, etc.)			•
	International	. Search Rep	ort of Int	ernational Applic	ation No. PCT/	U <b>S99/2</b> 6	5237, februar	y 18, 2000.
	+					· .		
AS 19				•				
				<u> </u>				
AT								
NINER  INER: Initial if rofer things of the conformer than the conform	( I	<del></del>			DATE CO			

# This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

#### **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
☐ BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
GRAY SCALE DOCUMENTS
LINES OR MARKS ON ORIGINAL DOCUMENT
REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

## IMAGES ARE BEST AVAILABLE COPY.

OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.